SITE ASSESSMENT

GROUNDWATER MONITORING EVENT 10/22/04-4/22/05

MIKE'S AUTO REPAIR 300 E STREET CHULA VISTA, CALIFORNIA 91910 SAM CASE H13409

JUNE 2, 2005

PREPARED AT THE REQUEST OF

MRS. JEANETTE CHARLTON
ANTHONY'S TOWING
305 E STREET
CHULA VISTA, CALIFORNIA 91910

PREPARED BY
PROFESSIONAL TESTING SERVICES, INC.
3254 ROSECRANS STREET
SAN DIEGO, CALIFORNIA 92110

June 2, 2005

Mrs. Jeanette Charlton Anthony's Towing 305 E Street Chula Vista, CA 91910

SUBJECT: SITE ASSESSMENT REPORT, GROUNDWATER MONITORING EVENT

10/22/04 TO 4/22/05, MIKE'S AUTO REPAIR, 300 E STREET, CHULA VISTA,

CALIFORNIA, ESTABLISHMENT H13409,

Reference: Site Assessment Report, Groundwater Monitoring Event 4/20/04 to 10/22/04,

Mike's Auto Repair, 300 E Street, Chula Vista, California, Establishment H13409

dated December 7, 2004

Dear Mrs. Charlton:

Professional Testing Services, Inc., is pleased to submit the following report of site assessment for work completed to date at the above referenced site. We appreciate the opportunity to be of service to you. If you have any questions, or require additional information regarding this investigation, please contact us.

Very Truly Yours,

PROFESSIONAL TESTING SERVICES, INC.

GERALD I. SHILLER Professional Geologist P.G. #4558

cc: Mr. Danny Martinez, DEH/SAM

CONTENTS

INTRODUCTION		1
SITE DESCRIPTIO	N .	1
GROUNDWATER	MONITORING	1
PURGING A	AND SAMPLING	1
LABORATO	ORY ANALYSES	2
DISCUSSION OF I	DATA AND CONCLUSIONS	3
RECOMMENDAT	IONS	3
LIMITATIONS		3
REFERENCES		4
TABLE I - MONIT	ORING WELL CONSTRUCTION DETAILS	7
TABLE II - SUMM	ARY OF GROUNDWATER MONITORING	8
TABLE III - ADDIT	ΓΙΟΝΑL COMPOUNDS DETECTED BY EPA 8260B	12
FIGURE NO. 1	SITE PLAN WITH GROUNDWATER ELEVATION	S
FIGURE NO. 2	SITE PLAN WITH BENZENE & MTBE CONDITIO	NS
APPENDIX A	LABORATORY DATA REPORTS AND CHAIN	
	OF CUSTODY	
APPENDIX B	WELL PURGE DATA	

INTRODUCTION

Professional Testing Services, Inc., is submitting the following report for additional site assessment work at the subject property. The work completed included groundwater monitoring of all wells that contained enough water to gauge, and chemical analyses of groundwater samples. Directives from the County of San Diego Department of Environmental Health, Site Assessment and Mitigation Division (SAM), and the California Regional Water Quality Control Board (RWQCB) require ongoing groundwater monitoring as part of site assessment.

Work was performed in accordance with County of San Diego Site Assessment and Mitigation (SAM) Division, 2005 Site Assessment and Mitigation Manual guidelines. The work was performed with the approval of Mr. Danny Martinez, the SAM Specialist assigned to oversee mitigation activities at this site.

SITE DESCRIPTION

The subject property is located on the southwestern corner of the intersection of E Street and 3rd Avenue, in Chula Vista, California. The property is a square parcel of approximately 8,600 square feet, at an elevation of approximately 84 feet above mean sea level (MSL). The property, a former service station, is developed with one building that contains offices, rest rooms, and two service bays (See Figure No. 1, Groundwater Elevations). The current tenant at the property is Mike's Auto Repair. According to the San Diego County Assessor's Office, the owner of the property is the Jeanette Charlton Trust, and the Assessor's Parcel Number (APN) is 568-044-2300.

GROUNDWATER MONITORING

Purging and Sampling

On April 22, 2005, a field team revisited the site to obtain groundwater depth measurements, check for the presence of free product, and obtain water samples from all nine of the monitoring wells (see Table I, Well Construction Details). During the visit, an electronic interface probe was used to measure groundwater depth and check for free product in the well. The reference datum for all measurements was the north side of the well casing which was surveyed for elevation to the nearest hundredth of a foot by a licensed surveyor. No free product was detected in any of the monitoring wells. Well MW-5 had no measurable water. Stabilized groundwater depths in the other 8 wells were 76.43 to 79.09 feet below surface, which gave calculated water elevations of 5.60 to 8.28 feet MSL. Six of these elevations were 0.16 to 1.07 feet higher than those measured at the previous monitoring event in October 2004. Well MW-1 had a measurable water level for the first time in 2½ years, and MW-6 had enough water to sample for the first time in 2 years. The groundwater gradient was generally northwest. In the vicinity of MW-7, the gradient was calculated to be approximately 0.1; to the north under E Street, the calculated gradient was 0.001. The water elevation at MW-7

appears to be artificially high due to a subsurface water leak.

After performing groundwater depth and free product thickness surveys, the wells were purged by bailer, and sampled in accordance with the groundwater sampling guidelines presented in the County of San Diego, SAM Division, 2005 Site Assessment and Mitigation (SA/M) Manual. Well MW-1 was not sampled due a car being partially parked over the well box. The wells were initially purged of one borehole volume of water. The groundwater recovery rate after purging was "fast" in wells MW-3, MW-4, MW-8, and MW-9, with recovery to 80% of static condition occurring within two hours. Temperature, pH, and total dissolved solids (as conductivity) measurements were made on the well water after the first volume was removed. Each well was then purged of an additional one-half borehole volume of water, and new temperature, pH, and total dissolved solids (as conductivity) measurements were made. Since the values from the second set of measurements were all within 10% of the first values, no additional water was removed from the wells. The water level was allowed to recharge to 80% of static condition prior to sampling.

Wells MW-2, MW-6, and MW-7 were "slow recharging" wells with the groundwater levels not recovering to 80% of static condition within two hours. Only one bore hole volume of water was removed prior to sampling. Purging data is presented in Appendix B.

A groundwater sample was obtained from each well using a factory-sealed, disposable bailer. Sample containers were filled using the bottom discharge valve of the bailer. Six 40 ml glass vials and one 125 ml poly bottle of water were collected for each water sample. The vials and bottles were immediately sealed with Teflon-lined caps, labeled, and checked for any visible head space. No visible head space was observed. All water sample containers were labeled, chilled on ice, and then delivered the same day as sampling to a state-certified laboratory for analysis. All groundwater purging equipment was washed thoroughly with a trisodium phosphate and water solution, and rinsed with potable water between uses.

The approximately 36.5 gallons of water removed from the wells during purging were sealed in one DOT-approved 55-gallon drum, labeled, and placed within the perimeter fence across the street. Disposal is pending.

Laboratory Analyses

The groundwater samples were analyzed by **H&P Mobile Geochemistry, Inc.**, for Total Petroleum Hydrocarbons (TPH), gas and diesel, by EPA Method 8015 Modified, and for volatile organic compounds, including benzene, toluene, ethylbenzene and xylenes (BTEX), and MTBE and other oxygenates, by EPA Method 8260B, and Total Lead by EPA Method 6010B. Analytical results are summarized in Table II, Summary of Groundwater Monitoring Data, and Table III, Additional Compounds Detected by EPA Method 8260B. Complete laboratory reports and chain of custody documents are presented in Appendix A.

DISCUSSION OF DATA AND CONCLUSIONS

No free product was encountered in any of the seven wells sampled. Wells MW-1 and MW-5 were not sampled. Wells MW-2, MW-3, MW-4, MW-6, MW-7, and MW-8 contained TPH-gas/TPH-diesel concentrations of 1,800/1,700 μ g/l, 22,000/5,500 μ g/l, 1,500/580 μ g/l, 830/<500 μ g/l, 2,800/1,500 μ g/l, and <500/3,000 μ g/l, respectively (see Figure No. 2, Benzene and MTBE in Groundwater). No TPH concentration was detected in MW-9. Benzene and MTBE were detected in MW-2 (400 μ g/l and 3.0 μ g/l), MW-3 (3,300 μ g/l and 4,100 μ g/l), MW-4 (42 μ g/l and 19 μ g/l), MW-6 (0.6 and <1 μ g/l), and MW-7 (84 μ g/l and 21 μ g/l). In addition, one or more of these five wells contained concentrations of toluene (3.4-120 μ g/l), ethylbenzene (31-2,400 μ g/l), xylenes (44-1,936 μ g/l), naphthalene (2.6-46 μ g/l), diisopropyl ether (DIPE - 1.1-67 μ g/l), tert-amyl-methyl ether (TAME - 22 μ g/l)(see Table II, Summary of Groundwater Monitoring Data). Total lead concentrations were detected in MW-8 (0.0114 mg/l) and MW-9 (0.0128 mg/l).

In summary, some analytes increased in concentration since October 2004, including benzene and MTBE concentrations in MW-3 to their highest levels since monitoring began, 3,300 μ g/l and 4,100 μ g/l, respectively, and benzene in MW-2 to 400 μ g/l. Some decreases in concentration were recorded, including all but MTBE in MW-4.

The laboratory results for water indicated that groundwater quality in the area of the former USTs had been impacted by the release of gasoline at this site. The lateral extent of impacts has been fully assessed to the northwest, north, and northeast, and extends up to approximately 85 feet from the former tank location. The lateral extent of impacts to groundwater has not been fully assessed to the south southeast of the former tanks. Additional assessment in that direction would be difficult, due to the presence of buildings close to the property line leaving only a 6-foot wide sidewalk for access.

RECOMMENDATIONS

- 1. A Corrective Action Plan (CAP) should be prepared to evaluate need for remediation at this site.
- 2. Groundwater monitoring should continue at approximate 6 month intervals until water quality goals can be established and met for this site.

LIMITATIONS

The contents of this report are based on the following:

- 1. The soil and groundwater samples obtained during our field investigations;
- 2. The observations of our field personnel during our field investigations;

3. The results of laboratory tests performed by **H&P Mobile Geochemistry**, **Inc.**, and Calscience Environmental Laboratories, Inc., and

4. Reference documents.

Variations in soil conditions could exist beyond the points explored in this investigation. Also changes in ground water conditions encountered could occur at some time in the near future due to variations in temperature, regional rainfall, and other factors.

It should also be noted that the San Diego County Department of Environmental Health, Site Assessment and Mitigation Division has the authority to require additional site assessment work at the subject site until they are satisfied that the area of impacted soil and/or groundwater has been fully assessed.

The services performed by Professional Testing Services, Inc., have been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the southern California area. No other warranty, expressed or implied, is made.

REFERENCES

California Regional Water Quality Control Board, San Diego Region, 1994, Comprehensive Water Quality Control Plan for the San Diego Basin, Region 9.

Gradient Engineers, Inc., 1998, Quarterly Report of Groundwater Monitoring and Sampling, July 1 Through September 30, 1998, Former Unocal Station No. 0552, 201 Third Avenue, Chula Vista, California, SAM Case No. T00924/H05837-002: Consultant's report dated November 30, 1998.

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Professional Testing Services, Inc., 2002b, Site Assessment Report, Groundwater Monitoring, 3/28/02 to 8/27/02, Mike's Auto Repair, 300 E Street, Chula Vista, California, Establishment H13409, Consultant's report dated October 3, 2002.

Professional Testing Services, Inc., 2003a, Site Assessment Report, Groundwater Monitoring, 8/27/02 to 5/21/03, Mike's Auto Repair, 300 E Street, Chula Vista, California, Establishment H13409, Consultant's report dated June 23, 2003.

Professional Testing Services, Inc., 2003b, Site Assessment Report, Installation of 2 Groundwater Monitoring Wells And Groundwater Monitoring, Mike's Auto Repair, 300 E Street, Chula Vista, California, Establishment H13409, Consultant's report dated November 19, 2003.

Professional Testing Services, Inc., 2004a, Site Assessment Report, Groundwater Monitoring,

9/30/03 to 4/20/04, Mike's Auto Repair, 300 E Street, Chula Vista, California, Establishment H13409, Consultant's report dated June 8, 2004.

Professional Testing Services, Inc., 2004b, Site Assessment Report, Groundwater Monitoring Event 4/20/04 to 10/22/04, Mike's Auto Repair, 300 E Street, Chula Vista, California, Establishment H13409 dated December 7, 2004.

San Diego County Department of Environmental Health, 2005, SA/M Manual.

TABLE I WELL CONSTRUCTION DETAILS

WELL	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9
BORING DIAMETER DEPTH	8" 80'	8" 90'	8" 90'						
CASING DIAMETER TOTAL DEPTH SOLID SCREEN	2" 80' 0-59' 59-79'	2" 80' 0-60' 60-80'	2" 80' 0-60' 60-80'	2" 80' 0-60' 60-80'	2" 80' 0-60' 60-80'	2" 80' 0-60' 60-80'	2" 80' 0-60' 60-80'	2" 90' 0-70' 70-90'	2" 85' 0-65' 65-85'
SAND PACK	56-80'	57-80'	58-80'	58-80'	57-80'	56-80'	56-80'	67-90'	62-90'
GRANULAR BENTONITE	2-4'	2-4'	2-4'	2-4'	2-8'	2-8'	2-8'	3-6'	3-6'
BENTONITE GROUT	4-50'	4-50'	4-55'	4-55'	8-55'	8-52'	8-52'	6-63'	6-58'
GRANULAR BENTONITE	50-56'	50-57'	55-58'	55-58'	55-57'	52-56'	52-56'	63-67'	58-62'
CONCRETE	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-2'	0-3'	0-3'
DATE INSTALLED	9/14/00	9/14/00	9/15/00	9/15/00	5/22/01	5/23/01	5/23/01	9/4/03	9/5/03

TABLE II SUMMARY OF GROUNDWATER MONITORING DATA

		CASING ELEV.	WATER DEPTH	WATER ELEV.	F.P.	ТРН	BENZ	TOL	EBENZ	XYL	MTBE	EPA 8260B	TOTAL LEAD
WELL	DATE	FT MSL	(FT)	FT MSL	(FT)	(μ G / L)	μG/L)	IGL (μG/L)	LDENZ (μG/L)	ATL (μG/L)	MTBL (μG/L)	6200 D (μ G / L)	(MG/L)
N/XX7 1	00/22/00	02.54	76.00	7.26	0.00								
MW-1	09/22/00 01/19/01	83.54	76.28 76.16	7.26 7.38	0.00 0.00	<500 <500	5.9 <2	<2 <2	11 <2	18 <6	<2 <2	(*) ND [#]	<0.01 <0.01
	06/20/01		77.38	6.16	0.00	<500	1.0	0.9	<0.5	<1	<1	(*) [#]	< 0.01
	11/12/01		77.94	5.60	0.00	<500	1.0	<1	<1	<1	<1	(*) [#]	< 0.01
	03/28/02		78.30	5.24	0.00	< 500	0.56	< 0.5	< 0.5	<1	<1	ND#	< 0.01
	08/27/02		Dry	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	05/21/03		Dry	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	09/30/03		Dry	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/04		Dry	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	10/22/04		Dry	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	04/22/05		77.92	5.62	0.00	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	09/22/00	83.81	76.01	7.80	0.00	22,000	630	2,300	280	3,200	11	(*)	< 0.01
	01/19/01		76.56	7.25	0.00	1,200	53 93	65	15	120	7.1	(*)#	< 0.01
	06/20/01		77.24	6.57	0.00	1,200		21	40	76	3.1	$(*)^{\#}$	< 0.01
	11/12/01		77.70	6.11	0.00	500	70	13	19	26	<1	$(*)^{\#}$	< 0.01
	03/28/02		77.86	5.95	0.00	< 500	76	7.3	8.4	7.8	4.5	$(*)^{\#}$	< 0.01
	08/27/02		77.91	5.90	0.00	2,400	200	220	80	370	4.8	$(*)^{\#}$	< 0.01
	05/21/03		77.86	5.95	0.00	< 500	86	17	12	52	2.6	$(*)^{\#}$	< 0.01
	09/30/03		77.85	5.96	0.00	< 500	27	1.7	2.6	3.7	2.0	$(*)^{\#}$	< 0.01
	04/20/04		77.79	6.02	0.00	< 500	< 0.5	< 0.5	< 0.5	<1	<1	ND&	< 0.01
	10/22/04		77.80	6.01	0.00	790	71	14	18	17	<1	(*)&	< 0.01
	04/22/05		77.64	6.17	0.00	3,500	400	21	31	44	3.0	$(*)^{\#}$	< 0.01

TABLE II SUMMARY OF GROUNDWATER MONITORING DATA

WELL	DATE	CASING ELEV. FT MSL	WATER DEPTH (FT)	WATER ELEV. FT MSL	F.P. (FT)	TPH (μG/L)	BENZ (μG/L)	TOL (μG/L)	EBENZ (μG/L)	XYL (μG/L)	MTBE (μG/L)	EPA 8260B (μG/L)	TOTAL LEAD (MG/L)
MW-3	09/22/00 01/19/01 06/20/01 11/12/01 03/28/02 08/27/02 05/21/03 09/30/03 04/20/04 10/22/04 04/22/05	83.83	76.38 76.88 77.47 78.09 78.44 78.99 79.28 78.95 79.05 79.08 78.18	7.45 6.95 6.36 5.75 5.39 4.84 4.55 4.88 4.78 4.75 5.65	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	17,000 8,100 6,500 6,800 10,000 11,000 9,800 8,600 17,600 33,000 27,500	2,400 790 680 790 1,200 1,800 2,100 2,400 1,900 2,700 3,300	640 65 7.6 16 88 100 53 100 93 93	2,800 1,000 950 1,000 1,100 1,700 1,800 1,900 1,400 1,900 2,400	6,400 90 42 76 533 930 1,069 1,980 2,250 2,960 1,936	73 820 790 1,800 1,900 3,100 2,700 2,100 3,500 3,800 4,100	(*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 NA NA <0.01
MW-4	09/22/00 01/19/01 06/20/01 11/12/01 03/28/02 08/27/02 05/21/03 09/30/03 04/20/04 10/22/04 04/22/05	83.09	75.56 76.02 76.64 77.21 77.58 78.14 78.47 78.16 78.22 78.28 77.35	7.53 7.07 6.45 5.88 5.51 4.95 4.62 4.93 4.87 4.81 5.74	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0	<500 <500 <500 1,100 630 780 1,300 <500 4,100 9,700 2,080	41 100 30 37 51 62 6.1 35 190 53 42	<10 4.3 2.4 3.4 5.6 6.1 0.5 3.1 31 7.6 3.4	17 7.9 19 24 34 16 7.5 9.3 150 19 34	39 8.6 21 36 49 43 1.4 67 350 115	<10 <2 <1 <1 1.5 4.7 <1 10 17 16 19	(*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	<0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01

TABLE II SUMMARY OF GROUNDWATER MONITORING DATA

WELL	DATE	CASING ELEV. FT MSL	WATER DEPTH (FT)	WATER ELEV. FT MSL	F.P. (FT)	TPH (μG/L)	BENZ (μG/L)	TOL (μG/L)	EBENZ (μG/L)	XYL (μG/L)	MTBE (μG/L)	EPA 8260B (μG/L)	TOTAL LEAD (MG/L)
MW-5	06/20/01	85.02	Dry	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	11/12/01		Dry	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	03/28/02		Dry	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	08/27/02		Dry	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	05/21/03		Dry	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	09/30/03		Dry	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/04		Dry	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	10/22/04		Dry	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	04/22/05		79.19	5.83	0.00	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	06/20/01	83.53	76.95	6.58	0.00	520	3.3	1.4	4.8	9.2	<1	(*)#	< 0.01
	11/12/01		77.50	6.03	0.00	1,000	3.1	0.5	1.9	2.2	<1	(*)#	< 0.01
	03/28/02		77.84	5.69	0.00	< 500	2.2	< 0.5	< 0.5	<1	<1	$(*)^{\#}$	< 0.01
	08/27/02		78.40	5.13	0.00	530	1.5	< 0.5	< 0.5	<1	<1	(*)#	< 0.01
	05/21/03		78.65	4.88	0.00	NA	NA	NA	NA	NA	NA	NA	NA
	09/30/03		78.46	5.07	0.00	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/04		78.51	5.02	0.00	NA	NA	NA	NA	NA	NA	NA	NA
	10/22/04		Dry	NM	NM	NA	NA	NA	NA	NA	NA	NA	NA
	04/22/05		77.73	5.80	0.00	830	0.6	< 0.5	< 0.5	<1	<1	$(*)^{\#}$	< 0.01

TABLE II SUMMARY OF GROUNDWATER MONITORING DATA

WELL	DATE	CASING ELEV. FT MSL	WATER DEPTH (FT)	WATER ELEV. FT MSL	F.P. (FT)	TPH (μG/L)	BENZ (μG/L)	TOL (μG/L)	EBENZ (μG/L)	XYL (μG/L)	MTBE (μG/L)	EPA 8260B (μG/L)	TOTAL LEAD (MG/L)
MW-7	06/20/01 11/12/01	84.71	76.73 77.39	7.98 7.32	$0.00 \\ 0.00$	6,300 2,400	330 270	1,000 93	350 380	1,060 105	<1 <1	(*) [#] (*) [#]	<0.01 <0.01
	03/28/02		77.22	7.49	0.00	1,900	300	95	350	68	1.8	(*)#	< 0.01
	08/27/02		77.03	7.68	0.00	1,800	330	100	470	87	11	(*)#	< 0.01
	05/21/03		77.55	7.16	0.00	1,200	420	88	500	99	4.1	$(*)^{\#}$	< 0.01
	09/30/03		77.36	7.35	0.00	730	390	130	390	88	7.9	$(*)^{\#}$	< 0.01
	04/20/04		77.38	7.33	0.00	3,130	330	150	380	206	11	(*)&	< 0.01
	10/22/04		77.30	7.41	0.00	3,600	300	160	290	146	17	(*) ^{&}	0.0106
	04/22/05		76.43	8.28	0.00	4,300	84	120	230	111	21	$(*)^{\#}$	< 0.01
MW-8	10/02/03+	84.69	80.00	4.69	0.00	< 500	< 0.5	< 0.5	< 0.5	<1	<1	$ND^{\#}$	< 0.01
	04/20/04		80.16	4.53	0.00	< 500	< 0.5	< 0.5	< 0.5	<1	<1	ND&	< 0.01
	10/22/04		80.16	4.53	0.00	< 500	< 0.5	< 0.5	< 0.5	<1	<1	ND&	< 0.01
	04/22/05		79.09	5.60	0.00	3,000	< 0.5	< 0.5	< 0.5	<1	<1	ND#	0.0114
MW-9	10/02/03+	83.61	78.90	4.71	0.00	< 500	< 0.5	< 0.5	< 0.5	<1	<1	$(*)^{\#}$	< 0.01
	04/20/04		78.99	4.62	0.00	< 500	< 0.5	< 0.5	< 0.5	<1	<1	(*)&	0.0103
	10/22/04		79.05	4.56	0.00	850	< 0.5	< 0.5	< 0.5	<1	<1	(*)&	< 0.01
	04/22/05		78.00	5.61	0.00	< 500	< 0.5	< 0.5	< 0.5	<1	<1	$ND^{\#}$	0.0128

^{(*) -} Compounds detected, see next page .

* - Analyzed only for Oxygenates.

- Analyzed for full EPA 8260B list.

^{+ -} Water levels measured 9/30/03, car parked over well box; samples collected 10/2/03

TABLE III - SUMMARY OF GROUNDWATER MONITORING DATA ADDITIONAL COMPOUNDS DETECTED BY EPA METHOD 8260B

WELL	DATE	1,2-DICHLOROETHANE	n-PROPYLBENZENE	1,3,5-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	sec-BUTYLBENZENE	n-BUTYLBENZENE	p-ISOPROPYLTOLUENE	NAPHTHALENE	DIPE	ETBE	TAME	TBA
MW-1	09/22/00	2.6	<2	9.6	11	3.3	3.8	<2	5.6	<2	<2	<2	<10
	01/19/01	NA	NA	NA	NA	NA	NA	NA	NA	<2	<2	<2	<10
	06/20/01	NA	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	9.3
	11/12/01	NA	NA	NA	NA	NA	NA	NA	NA	1.0	<1	<1	<5
	03/28/02	NA	NA	NA	NA	NA	NA	NA	NA	<1	<1	<1	<5
	08/27/02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/21/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/30/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/22/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/22/05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE III - SUMMARY OF GROUNDWATER MONITORING DATA ADDITIONAL COMPOUNDS DETECTED BY EPA METHOD 8260B

WELL	DATE	1,2-DICHLOROETHANE	n-PROPYLBENZENE	1,3,5-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	sec-BUTYLBENZENE	n-BUTYLBENZENE	p-ISOPROPYLTOLUENE	NAPHTHALENE	DIPE	ETBE	TAME	TBA
MW-2	09/22/00	130	39	280	560	<10	29	19	80	< 50	< 50	< 50	<250
	01/19/01	NA	NA	NA	NA	NA	NA	NA	NA	<2	<2	<2	150
	06/20/01	NA	NA	NA	NA	NA	NA	NA	NA	4.6	<1	<1	54
	11/12/01	NA	NA	NA	NA	NA	NA	NA	NA	4.1	<1	<1	<5
	03/28/02	NA	NA	NA	NA	NA	NA	NA	NA	2.1	<1	<1	<5
	08/27/02	NA	NA	NA	NA	NA	NA	NA	NA	2.4	<1	<1	<5
	05/21/03	NA	NA	NA	NA	NA	NA	NA	NA	1.7	<1	<1	<5
	09/30/03	NA	NA	NA	NA	NA	NA	NA	NA	2.4	<1	<1	<5
	04/20/04	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<5
	10/22/04	16	6.4	14	8.2	<1	<1	<1	<1	<1	<1	<1	<5
	04/22/05	NA	NA	NA	NA	NA	NA	NA	<1	3.5	<1	<1	<5

TABLE III - SUMMARY OF GROUNDWATER MONITORING DATA ADDITIONAL COMPOUNDS DETECTED BY EPA METHOD 8260B

WELL	DATE	1,2-DICHLOROETHANE	n-PROPYLBENZENE	1,3,5-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	sec-BUTYLBENZENE	n-BUTYLBENZENE	p-ISOPROPYLTOLUENE	NAPHTHALENE	DIPE	ETBE	TAME	TBA
MW-3	09/22/00	180	220	410	1,700	<20	130	<20	320	<100	<100	<100	< 500
	01/19/01	NA	NA	NA	NA	NA	NA	NA	NA	8.5	<2	<2	200
	06/20/01	NA	NA	NA	NA	NA	NA	NA	NA	6.7	<1	<1	<5
	11/12/01	NA	NA	NA	NA	NA	NA	NA	NA	11	<1	<1	<5
	03/28/02	NA	NA	NA	NA	NA	NA	NA	NA	<10	<10	<10	< 50
	08/27/02	NA	NA	NA	NA	NA	NA	NA	NA	14	<10	83	< 50
	05/21/03	NA	NA	NA	NA	NA	NA	NA	NA	9.0	<1	31	<5
	09/30/03	NA	NA	NA	NA	NA	NA	NA	NA	<100	<100	<100	< 500
	04/20/04	120	140	370	1,200	<100	<100	<100	<100	<100	<100	<100	< 500
	10/22/04	160	200	450	1,600	<100	<100	<100	<100	<100	<100	<100	< 500
	04/22/05	NA	NA	NA	NA	NA	NA	NA	46	18	<1	22	<5

TABLE III - SUMMARY OF GROUNDWATER MONITORING DATA ADDITIONAL COMPOUNDS DETECTED BY EPA METHOD 8260B

WELL	DATE	1,2-DICHLOROETHANE	n-PROPYLBENZENE	1,3,5-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	sec-BUTYLBENZENE	n-BUTYLBENZENE	p-ISOPROPYL TOLUENE	NAPHTHALENE	DIPE	ETBE	TAME	TBA
MW-4	09/22/00	530	<10	15	20	<10	<10	<10	<10	53	<10	<10	77
	01/19/01	NA	NA	NA	NA	NA	NA	NA	NA	71	<2	<2	<10
	06/20/01	NA	NA	NA	NA	NA	NA	NA	NA	78	<1	<1	<5
	11/12/01	NA	NA	NA	NA	NA	NA	NA	NA	72	<1	<1	<5
	03/28/02	NA	NA	NA	NA	NA	NA	NA	NA	50	<1	<1	<5
	08/27/02	NA	NA	NA	NA	NA	NA	NA	NA	50	<1	<1	<5
	05/21/03	NA	NA	NA	NA	NA	NA	NA	NA	2.2	<1	<1	<5
	09/30/03	NA	NA	NA	NA	NA	NA	NA	NA	52	<1	<1	<5
	04/20/04	340	14	73	170	<1	<1	1.7	3.7	36	<1	3.8	<5
	10/22/04	310	<10	26	30	<10	<10	<10	<10	32	<10	<10	< 50
	04/22/05	NA	NA	NA	NA	NA	NA	NA	2.6	44	<1	<1	<5
MW-5	06/20/01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11/12/01	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	03/28/02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	08/27/02	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	05/21/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/30/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/22/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/22/05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE III - SUMMARY OF GROUNDWATER MONITORING DATA ADDITIONAL COMPOUNDS DETECTED BY EPA METHOD 8260B

WELL	DATE	1,2-DICHLOROETHANE	n-PROPYLBENZENE	1,3,5-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	sec-BUTYLBENZENE	n-BUTYLBENZENE	p-ISOPROPYL TOLUENE	NAPHTHALENE	DIPE	ETBE	TAME	TBA
MW-6	06/20/01	NA	NA	NA	NA	NA	NA	NA	NA	74	<1	<1	<5
	11/12/01	NA	NA	NA	NA	NA	NA	NA	NA	67	<1	<1	<5
	03/28/02	NA	NA	NA	NA	NA	NA	NA	NA	44	<1	<1	<5
	08/27/02	NA	NA	NA	NA	NA	NA	NA	NA	55	<1	<1	<5
	05/21/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	09/30/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/20/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	10/22/04	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	04/22/05	NA	NA	NA	NA	NA	NA	NA	<1	67	<1	<1	<5
MW-7	06/20/01	NA	NA	NA	NA	NA	NA	NA	NA	11	<1	<1	<5
	11/12/01	NA	NA	NA	NA	NA	NA	NA	NA	13	<1	<1	<5
	03/28/02	NA	NA	NA	NA	NA	NA	NA	NA	8.1	<1	<1	<5
	08/27/02	NA	NA	NA	NA	NA	NA	NA	NA	14	<10	<10	< 50
	05/21/03	NA	NA	NA	NA	NA	NA	NA	NA	11	<1	<1	<5
	09/30/03	NA	NA	NA	NA	NA	NA	NA	NA	14	<1	<1	<5
	04/20/04	170	48	21	48	<10	<10	<10	<10	12	<10	<10	< 50
	10/22/04	190	43	<10	18	<10	<10	<10	<10	14	<10	<10	< 50
	04/22/05	NA	NA	NA	NA	NA	NA	NA	3.1	15	<2	<2	<10

TABLE III - SUMMARY OF GROUNDWATER MONITORING DATA ADDITIONAL COMPOUNDS DETECTED BY EPA METHOD 8260B

WELL	DATE	1,2-DICHLOROETHANE	n-PROPYLBENZENE	1,3,5-TRIMETHYLBENZENE	1,2,4-TRIMETHYLBENZENE	sec-BUTYLBENZENE	n-BUTYLBENZENE	p-ISOPROPYLTOLUENE	NAPHTHALENE	DIPE	ETBE	TAME	TBA
MW-9	10/02/03	NA	NA	NA	NA	NA	NA	NA	NA	2.5	<1	<1	<5
	04/20/04	20	<1	<1	<1	2.8	<1	<1	<1	1.9	<1	<1	<5
	10/22/04	22	<1	<1	<1	2.3	<1	<1	<1	2.3	<1	<1	<5
	04/22/05	NA	NA	NA	NA	NA	NA	NA	<1	1.1	<1	<1	<5

Reported in μ g/l.

APPENDIX A

LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTATION

APPENDIX B

WELL PURGE DATA

WELL PURGE DATA

WELL 1411 (DED	3.6337.4	2.677.2) (IV) (2.077.4	3.6777.6) (TV) (
WELL NUMBER	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
DATE	4/22/05	4/22/05	4/22/05	4/22/05	4/22/05	4/22/05
CASING ELEVATION (FT MSL)	83.54	83.81	83.83	83.09	85.02	83.53
DEPTH TO FREE PRODUCT (FT)	NONE	NONE	NONE	NONE	NONE	NONE
GROUNDWATER DEPTH (FT)	77.92	77.64	78.18	77.35	79.19	77.73
FREE PRODUCT THICKNESS (FT)	NONE	NONE	NONE	NONE	NONE	NONE
WELL DEPTH (FT)	78.74	80.37	80.12	80.24	79.70	79.05
GROUNDWATER THICKNESS (FT)	0.82	2.73	1.94	2.89	0.51	1.32
BOREHOLE VOLUME (GAL) (0.88 X THICK)	NM	2.4	1.7	2.5	NM	1.2
DEPTH TO 80% RECOVERY (FT)		78.19	78.57	77.93		77.99
INITIAL VOLUME REMOVED (GAL)		2.5	2.0	2.5		1.5
TIME TO RECHARGE 80% WELL VOLUME		>2 HRS	65 MIN	25 MIN		>2 HRS
FAST OR SLOW RECHARGING		SLOW	FAST	FAST		SLOW
INTERMEDIATE REMOVAL DATA		At 2 Hours depth 78.67'	Vol 10 1.5 Temp 70.8 74.0 pH 5.57 5.65 Cond 10.04 10.90	Vol 10 1.5 Temp 71.2 70.3 pH 7.43 8.00 Cond 6.89 6.21		At 2 Hours depth 78.25'
TIME PURGING STOPPED		1133	1313	1205		1235
TOTAL WATER REMOVED (GAL)		2.5	3.0	4.0		1.5
TIME SAMPLES COLLECTED	NS	1333	1422	1230	NS	1510
NO. OF BARRELS		<1	<1	<1	<1	<1

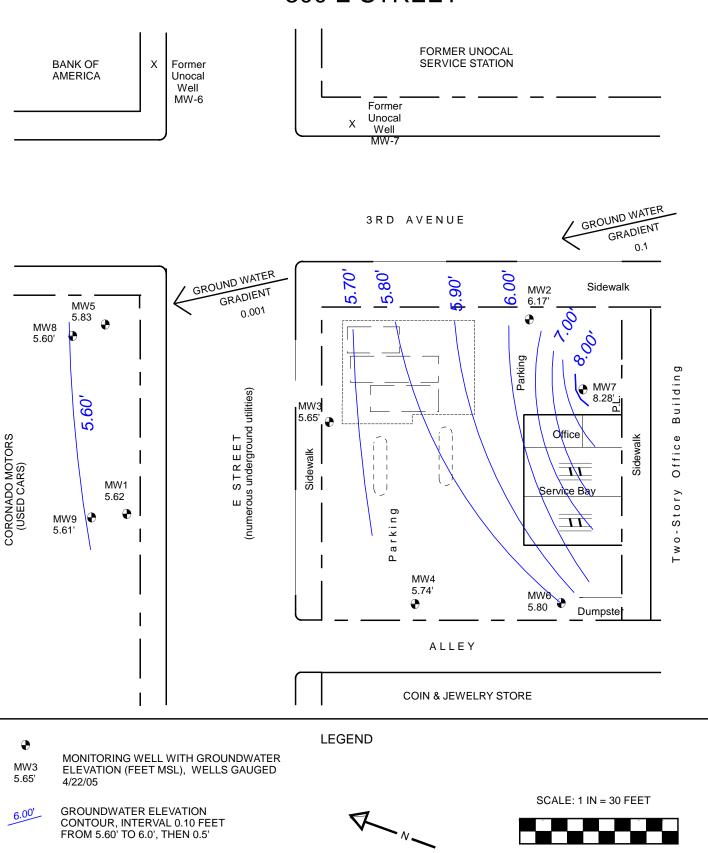
GROUNDWATER ELEVATION						
	5.62	6.17	5.65	5.74	5.83	5.80

WELL PURGE DATA

WELL NUMBER	MW-7	MW-8	MW-9		
DATE	10/22/04	10/22/04	10/22/04		
CASING ELEVATION (FT MSL)	84.71	84.69	83.61		
DEPTH TO FREE PRODUCT (FT)	NONE	NONE	NONE		
GROUNDWATER DEPTH (FT)	76.43	79.09	78.00		
FREE PRODUCT THICKNESS (FT)	NONE	NONE	NONE		
WELL DEPTH (FT)	79.82	89.20	84.80		
GROUNDWATER THICKNESS (FT)	3.39	10.11	6.80		
BOREHOLE VOLUME (GAL) (0.88 X THICK)	3.0	9.0	6.0		
DEPTH TO 80% RECOVERY (FT)	77.11	81.11	79.36		
INITIAL VOLUME REMOVED (GAL)	3.0	9.0	6.0		
TIME TO RECHARGE 80% WELL VOLUME	>2 HR	55 MIN	100 MIN		
FAST OR SLOW RECHARGING	SLOW	FAST	FAST		
INTERMEDIATE REMOVAL DATA	At 2 Hours depth 78.93'	Vol 10 1.5 Temp 69.9 71.2 pH 7.57 7.42 Cond 7.68 7.69	Vol 10 1.5 Temp 71.9 69.8 pH 6.99 7.15 Cond 7.88 7.93		
TIME PURGING STOPPED	1125	1042	0937		
TOTAL WATER REMOVED (GAL)	3.0	13.5	9.0		
TIME SAMPLES COLLECTED	1445	1145	1120		
NO. OF BARRELS	<1	<1	<1		

GROUNDWATER ELEVATION					
	8.28	5.60	5.61		

300 E STREET



MIKE'S AUTO REPAIR 300 E STREET CHULA VISTA, CALIFORNIA 25

50

0

300 E STREET

